

RESERVE COPY PATENT SPECIFICATION

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Application Date: May 27, 1933. No. 15,395/33.

402,682

Complete Accepted: Dec. 7, 1933.

COMPLETE SPECIFICATION.

Improvements in Hair Clips.

- Only two fingers
- fingers in radial line

I, FRANK BERNHARD DEHN, M.Sc., Ph.D., A.I.C., of Kingsway House, 103, Kingsway, London, W.C. 2, England, a British Subject, Chartered Patent Agent, do hereby declare the nature of this invention (which has been communicated to me by Emeth Financial Corporation, a corporation organised under the laws of the State of New York, of 17, West 17th Street, in the City, County and State of New York, United States of America) and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to hair devices, and more particularly to clips for use in setting water-waves or the like.

An object of the invention is to provide a device of simple and durable construction which is so constructed that its parts may be inexpensively manufactured and readily assembled on a high production basis and at a relatively low cost.

According to the present invention, the hair clip comprises a pair of long narrow jaw members, the opposed faces of which contact with each other throughout substantially their entire length and the rear end of each of said members being provided with separate handle portions having overlapping ears, a pivot pin extending through said ears, and a spring disposed about the pin for urging the jaws into their closed position.

In the accompanying drawings:

Figure 1 is a side view of the clip;

Fig. 2 is a plan view thereof; and

Fig. 3 is a sectional view, on an enlarged scale, taken on the line 3—3 of Figure 1.

The device comprises a pair of jaw members 1 and 2, which members are each formed of a relatively long and narrow piece of spring metal having smooth surfaces and rounded edges so that they may be easily inserted in the hair without injuring the hair. The jaw members are curved lengthwise to conform substantially to the curvature of the head, and the upper member 1 is preferably slightly shorter than the lower member 2.

It will be seen on referring to Figure [Price 1/-]

1 that the opposed faces of the jaw members contact with each other throughout substantially their entire length, and because of the resiliency of the material of which they are made, said jaw members will exert a firm gripping action on the hair.

The rear ends of the jaw members are bent as at 3 and are provided with handle portions 4 and 5 formed of stamped sheet metal and having overlapping ears 6 and 7 at their sides between which extends a pivot pin 8. A spring 9 is coiled about the pin with its ends bearing against the upper and lower handle portions, respectively, to urge the jaws closed.

The ends of the jaw members are spot welded or soldered to the handle portions at 10 and the parts are further secured together by means of lugs 11 which are located at the lateral edges of the handle portions and are bent over to tightly embrace the jaw members, as indicated in Fig. 3. The outer surfaces of the handle portions may be knurled or roughened as at 12 so that the clip may be conveniently held between the fingers.

A marked economy both in the use of material and in manufacturing costs results from making the jaw members and the handle portions of separate parts. The jaw members are made of spring wire or tempered metal which is considerably more expensive than the sheet metal of which the handle portions are made. Consequently, if the handle portions were made integral with the jaw members, spring metal would have to be used throughout in order to obtain jaws having the desired resiliency. Furthermore, the handles are a stock part and may be used with jaws of different lengths, thereby permitting of the manufacture of clips of various sizes with one set of handle dies.

In use, the hair to be waved is wetted and a water wave then formed in the usual manner by manipulation with the fingers or with the aid of a comb. When the wave has been formed, the clip, with its jaws opened, is inserted in the hair and permitted to close so as to firmly grip the

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hair and hold it in position until it is dry, and the wave has been completely set.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A hair clip comprising a pair of long narrow jaw members, the opposed faces of which contact with each other throughout substantially their entire length, the rear end of each of said members being provided with separate handle portions having overlapping ears, a pivot pin extending through said ears, and a spring disposed about the pin for urging the jaws into their closed position.

2. A hair clip according to claim 1

wherein the jaw members are curved lengthwise over their entire length in the same direction and are formed of spring metal having rounded edges.

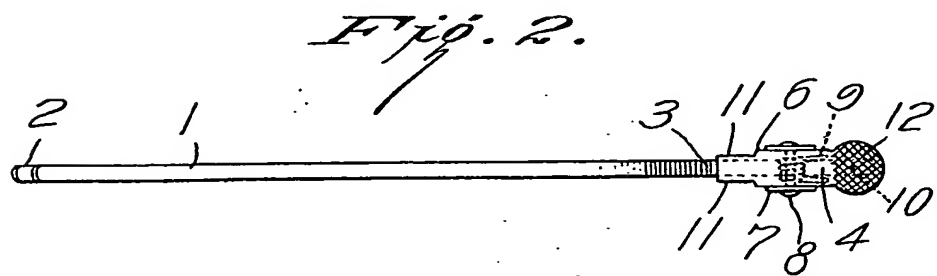
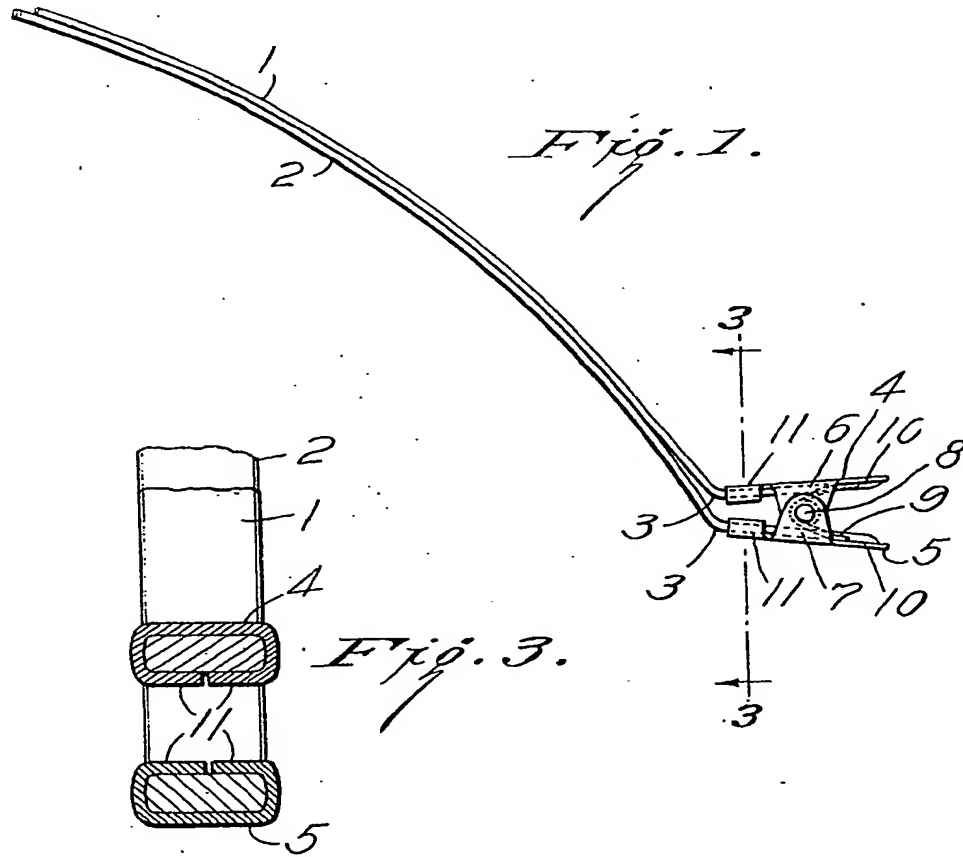
3. A hair clip according to claims 1 and 2 wherein the handle portions are each formed of a separate piece of sheet metal having lugs at its lateral edges, which lugs are bent to embrace tightly the rear end of the corresponding jaw member.

4. A hair clip substantially as shown, described and for the purposes set forth. Dated this 27th day of May, 1933.

For the Applicant,
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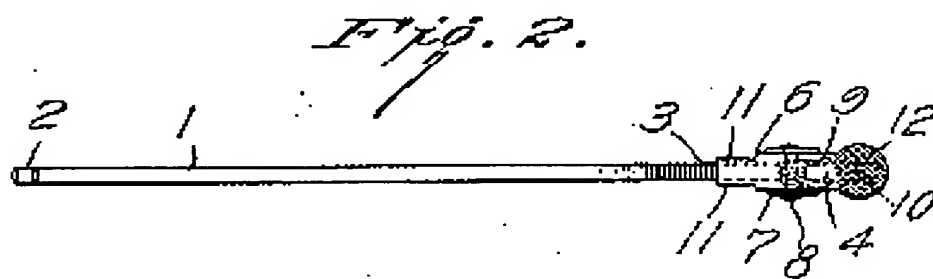
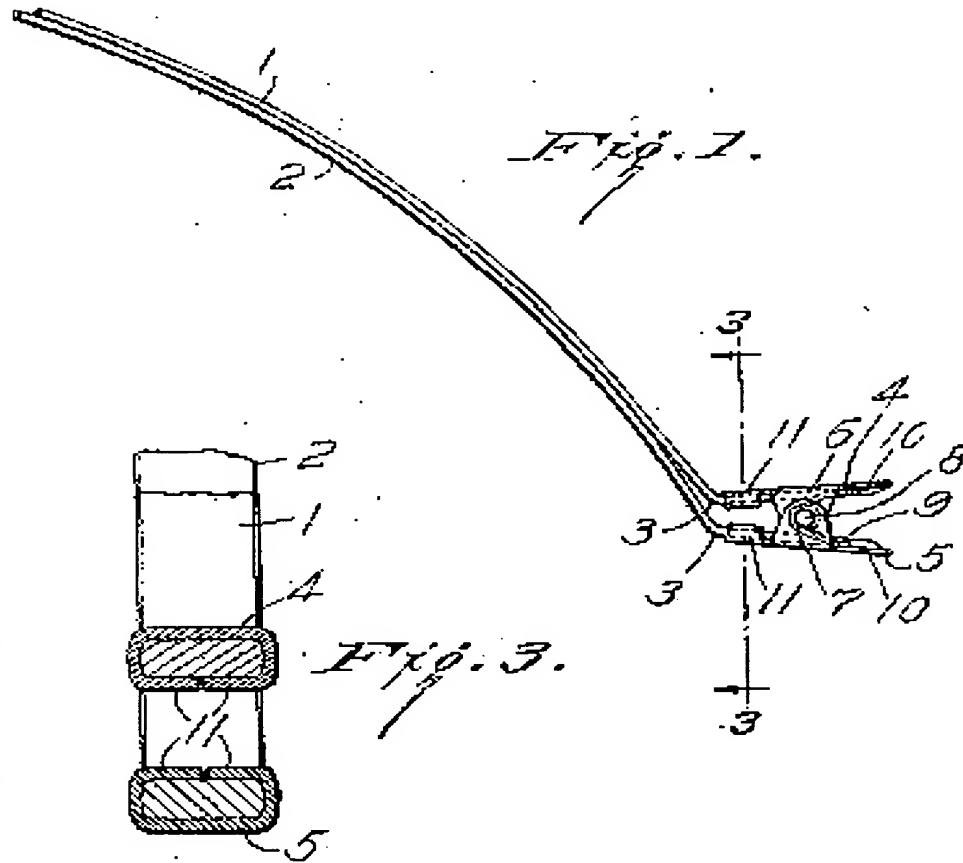
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